Please type a plus sign (+)	inside this box	· → Ŀ
-----------------------------	-----------------	-------

**DECLARATION FOR UTILITY OR** 

Said MANSOUR

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Attorney Docket Number

First Named Inventor

					1			
DESIGN	ATION	COM	COMPLETE IF KNOWN					
PATENT APPLIC (37 CFR 1.6	ATION 31	Application Number	or					
(37 CFK 1.0	<b>3</b> ,	Filing Date						
In Deciaration	eclaration Submitted after Initial	Group Art Unit						
with Initial	iling (surcharge 37 CFR 1.16 (e)) equired)	Examiner Name						
As a below named inventor, I hereby declare that:  My residence, mailing address, and citizenship are as stated below next to my name.  I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  LOW TEMPERATURE OXYGEN GAS SENSOR								
(Title of the Invention)								
is attached hereto OR was filed on (MMDDYYY)  O7/30/1999  (if applicable).  Application Number (CT/US99/17422) and was amended on (MMDDYYY)  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.  I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.  I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United Stat s of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.								
Prior Foreign Application		Foreign Filing Date (MM/DD/YYY)	Priority Not Claimed	Certified Co	NO NO			
Number(s) US99/17422	Country	07/30/1999	0000	0000	800			
Additional foreign application		supplemental priority di	ata sheet PTO/SE	1/02B attached	hereto:			
Additional foreign application hereby claim the benefit under	numbers are listed on a	y United States provisio	nal application(s)	listed below.				
I hereby claim the benefit unde	er 35 U.S.C. 119(8) Of all	te (MWDDMM)		יים ישוטוסוסוטוגו	application			
Application Number(s) 60/094.721 60/123.819	07/30/19	98	Additional provisional applicat numbers are listed on a supplemental priority data she PTO/SB/02B attached hereto.		a Jata sheet			

[Page 1 of 2]

Burden Hour Statement This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer. U.S. Patent and Trademark Office, Washington, DC the amount of time, you are required to complete this form should be sent to the Chief Information Officer. U.S. Patents and Trademark Office, Washington, DC 20231.

20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PT /SB/01 (10:00)

Approved for use through 10/31/2002. OMB 0651-0332

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. **DECLARATION** — Utility or Design Patent Application

Direct all correspondence to: Customer or Bar Cor	Number de Label	OR X	Correspondence address below				
Name James B. Myers @ WOODARD,	EMHARDT, N	AUGHTON, MORIARTY	& MCNETT				
Address Bank One Center/Tower, Suite 3700							
Address 111 Monument Circle							
City Indianapolis		State IN	ZIP 46204				
Country US	Telephone 31	7-634-3456	317-637-7561 Fax				
made are punishable by fine or imprisonment and	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.						
NAME OF SOLE OR FIRST INVENTOR	:	☐ A petition has been f	filed for this unsigned inventor				
Given Name (first and middle [if any]) Said		Family Name or Surname MANSOUR	R				
Inventor's Signature			Date				
Residence: City West Lafayette	State	IN Country US	Citizenship US				
Mailing Address 2818 Cambridge Stree	t						
Mailing Address West Lafayette, Indi	ana 47906 U	s					
City West Lafayette State In	<b>1</b>	ZIP 47906	Country US				
NAME OF SECOND INVENTOR:		A petition has been fil	led for this unsigned inventor				
Given Name (first and middle [if any]) Mark		Family Name or Surname BRAZIE	R				
Inventor's Signature Date / c1/c1							
Residence: City West Lafayette	State (	IN Country US	Citizenship US				
Mailing Address 3037 Courthouse Drive	e, #1						
Mailing Address West Lafayette, India	ana 47906 US						
City West Lafayette State IN		ZIP 47906	Country US				
Additional inventors are being named on the1	supplemental Add	tional Inventor(s) sheet(s) PTC	D/SB/02A attached hereto.				

Pto/s8/02A (11-00)

Approved for use through 10/31/2002. OMB 0551-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## **DECLARATION**

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 1

Name of Additional Joint Inventor, if a	ny:			Ape	tition has been fil	ed for	this unsigned inventor
Given Name (first and middle [if any])					Family Nar	ne or S	Surname
Michael			MC	ELFRE	SH		-
Inventor's Signature	Elg	las	2				3/20/01
Residence: City West Lafayette	St	ste IN	)	Count	y US		Citizenship US
Mailing Address 931 Princess Drive							
Mailing Address West Lafayette, Indiana 47906 US							
City West Lafayette	St	ate IN		ZIP	47905	Count	y US
Name of Additional Joint Inventor, if any:					is unsigned inventor		
Given Name (first and middle [if any	))			Family Name or Sumame			
Inventor's Signature							Date
Residence: City	St	ate	Country			Citizenship	
Mailing Address							
Mailing Address							
City	St	ate		ZIP		Cour	ntry
Name of Additional Joint Inventor, if a	ny:		A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any]	)		Family Name or Surname				
inventor's Signature							Date
Residence: City State				Country			Citizenship
Mailing Address							
Mailing Address							
City	State	•		ZIP		Cou	intry

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademerk Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

317 637 7561;



Please type a plus sign (+) inside this box -> +

PTO/SB/02C (3-97)

Approved for use through 2/30/96. OMB 0851-0002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## **DECLARATION**

#### REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Harold R. Woodard	#16,214		
C. David Emhardt	#18,483		
Joseph A. Naughton, Jr.	#19,814		1
John V. Moriarty	#26,207		ĺ
John C. McNett	#25,533		
Thomas Q. Henry	#28,309		]
James M. Durlacher	#28,840		1 1
Charles R. Reeves	#28,750		
Vincent O. Wagner	#29,596	1	
Steve Zlatos	#30,123		[
Spiro Bereveskos	#30,821	1	i i
William F. Bahret	#31,087	i	
Clifford W. Browning	#32,201		ĺ
R. Randall Frisk	#32,221		
Daniel J. Lueders	<b>#32,581</b>		
Kenneth A. Gandy	#33,386		
Timothy N. Thomas	#35,714		
Kerry P. Sisselman	#37,237		
Kurt N. Jones	#37,996		
John H. Allie	#39,088		
Holiday W. Banta Troy J. Cole	#40,311		
L. Scott Paynter	#35,102		
J. Andrew Lowes	#39,797		
Charles J. Meyer	#40,706		
Matthew R. Schantz	#41,996		f
Gregory B. Coy	<b>#40,800</b>		
Lisa A. Hiday	<b>#40,967</b>		
John V. Daniluck	#40,036 #40,591		
Christopher A. Brown	#40,581 #41,642		· f
	#44,557		1
	#43,910		
	#41,359		ı
<b>—</b> • • • • • • • • • • • • • • • • • • •	#43,556		
	#45.431		1
	#42,021		
[	#29,446		
	"""		1
1			
ł	1	j	ŀ
37		į.	
7.	1	ł	j
	ļ		1
		ļ	i
	1	ļ	j
		•	i

Burden How Statement: This form is estimated to take 0.4 hours to complete. Time with vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please	typo	a plu	s sign	(+)	inside	this	box	$\rightarrow$	+
--------	------	-------	--------	-----	--------	------	-----	---------------	---

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OM8 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OM8 control number.

DECLARATION FOR UTILITY OR	Att rn y Docket Number	7024499PUR93			
DESIGN	First Named Inventor	Said MANSOUR			
PATENT APPLICATION	COMPLETE IF KNOWN				
(37 CFR 1.63)	Application Number				
☑ Declaration ☐ Declaration	Filing Date				
Submitted OR Submitted after Initial with Initial Filing (surcharge	Group Art Unit				
Filing unsigned (37 CFR 1.16 (e)) required)	Examiner Name				

As a below named inventor, I hereby declare that:									
My residence, mailing address, and citizenship are as stated below next to my name.									
I believe I am the original, first a	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and fearth in the subject matter which is claimed and subject matte								
The state of the s									
	LOW TEMPERATURE OXYGEN GAS SENSOR								
				f					
the specification of which		(Title of the Invention)							
is attached hereto									
OR		المحقول وو	C4-4 4 17 - 17						
was filed on (MM/DD/YYY)	07/30/1999	as Onteo	States Application	Number or PCT International					
Application Number PCT/US9	9/17422		[00.118]	(if applicable).					
I heraby state that I have an in-	2/1/422 and was	amended on (MM/DD/YY	777) (23/1 <u>3/</u>	2000					
I hereby state that I have review amended by any amendment sp	ed and undersland the d ecifically referred to abo	contents of the above ide	entified specification	on, including the claims, as					
1 acknowledge the duby to display									
in-part applications, material info	mation which became	matenal to patentability a available between the fili	is defined in 37 C no date of the pri	FR 1.56, including for continuation- or application and the national or					
		PP							
I hereby claim foreign priority be certificate, or 365(a) of any PCT America, listed below and have	nefits under 35 U.S.C. international application	119(a)-(d) or 365(b) of a	ny foreign applica	ation(s) for patent or inventor's					
America listed below and bour		The paralle services at 10	any on a complia c	Wild Man the United States of					
certificate, or any PCT internation  Prior Foreign Application	application having a	3 3	DIO application or	which priority is claimed.					
Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?					
US99/17422	202		Not Clayned	YES NO					
	PCT	07/30/1999							
Additional foreign application	numbers are listed on a	supplemental priority da	ta sheet PTO/SB	/02B attached hereto:					
I hereby claim the benefit under	35 U.S.C. 119(e) of an	y United States provision	al application(s) (	isted below					
Application Number(s)	Filing Date	(MM/DDYYYY)		3.00 00.04					
60/094,721 60/123,819	07/30/19	98	Additiona	provisional application					
00,123,019	03/11/199	99		are listed on a ental priority data sheet					
	İ		PTO/SB/	D2B attached hereto.					
				i					

[Page 1 of 2]
Burden Hour Statement This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this-form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Pleases type a plus sign (-) ineide this box 🛶 🕒

Under the Paperwork Reduction Act of 1995, no persons are required to re

PTO/SR/01 (10-00)
Approved for use through 19/3 1/2002, OMB 0931-0932
U.S. Patent and Tradement Office; U.S. DEPARTMENT OF COMMERCE
pond to a collection of information unbess 8 centrains a valid OMB centrol number.

DECLAR	ATION —	Utility or I	o sign Pa	t nt/	Application		
Direct all correspondence to	Customer Nu or Ber Code		OR	<b>X</b> 0	orrespondence address below		
Name James B. Myes	S & WOODARD, EMHARDT, MAUGHTON, MORIARTY & MCNETT						
Address Bank One Ce	ncer/Tower, St	ite 3700					
Address 111 Monumen	circle		·				
Chy Indianapolis	,		State IN		ZIP 46204		
Country US		Telephone 317-	634-3456		317-637-7561 Pex		
ore delivered to be true; and	Islaments made herein of my own knowledge are true and that all statements made on information and better not further that these statements were made with the knowledge that willful false statements and the like so are impresonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the or any patent issued thereon.						
NAME OF SOLE OR FIL	RST INVENTOR:		A petition has	been filed	for this unsigned inventor		
Given Name [Nest and middle [If any]]	said_		Family Name or Surname MA	NSOUR	•		
inventore Signature	De	1 3/2 Date 3/2					
Residence: City West La	EAVECEO	State	Country	US	Citizenship US		
Mailing Address 2919 Car	mbridge Street						
Mailing Address West La	fayette, India	na 47906 US		_			
City West Lafayotto	State IN		ZIP 47906		Country US		
NAME OF SECOND INV	ENTOR:		A petition has	een filed	for this unsigned inventor		
Given Name (first and middle [Hany]) Haz	k		Family Name or Sumame B	RAZIER			
Inventor's Signature					Date		
Residence: City West La							
Mailing Address 3037 Cou	rthouse Drive, #1						
Mailing Address West Lat	ayette, India	ayette, Indiana 47906 US					
City West Lafayette	State IN		ZIP 47906		Country US		
Additional invantors are being	g named on the 1.5	uppiemental Additio	nal invenioris) chec	rie) PTOIS	R/07A attached hereta		

[Page 2 of 2]



Please type a plus sign (+) inside this box	+
---	---

PTO/SB/02A (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## **DECLARATION**

**ADDITIONAL INVENTOR(S)** Suppl mental Sh et Page 1 of 1

	_					
Name of Additional Joint Inventor, If any:  A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Nar	ne or :	Sumame
Michael				ELFRESH		
Inventor's Signature				Date		
Residence: City West Lafayette	Star	te IN		Country US		Citizenship US
Mailing Address 931 Princess Drive						
Mailing Address West Lafayette, Indi	iana	4790	s US			
Chy West Lafayette	Sta	to IN		ZIP 47906	Count	us US
Name of Additional Joint Inventor, if any:						
Given Name (first and middle (if any))				Family Nar	ne or S	Surname
inventor's Signature						Date
Residence: City	Sta	rte		Country	Citizenship	
Mailing Address						
Mailing Address			,			
City	Sta	sto		ZIP	Cor	intry
Name of Additional Joint Inventor, if an	y:			A petition has been filed	for this	s unsigned inventor
Given Name (first and middle [if any])			Family Name or Surname			
inventor's Signature						Date
· <b>4</b> °						
Residence: City	Stat	<u> </u>		Country		Citizenship
Mailing Address						
Mailing Address						
City	State	·		ZIP	Ce	ountry

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box -> +

PTO/SB/02C (3-97)

PTO/SB/02C (3-97)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

# **DECLARATION**

### REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Harold R. Woodard	#16,214		
C. David Emhardt	#18,483		
Joseph A. Naughton, Jr.	#19,814		
John V. Moriarty	#26.207		
John C. McNett	#25,533		
Thomas Q. Henry	#28,309		
James M. Durlacher	#28,840		
Charles R. Reeves	#28.750		
Vincent O. Wagner	#29,596		
Steve Zlatos	#30,123		
	#30,821		
Spiro Bereveskos	#31_087	Ì	
William F. Bahret	#32,201		
Clifford W. Browning	#32.221		
R. Randall Frisk	#32,581		
Daniel J. Lueders	#33,386	l	
Kenneth A. Gandy	#35,714		
Timothy N. Thomas	#37,237	1	
Kerry P. Sisselman			
Kurt N. Jones	#37,996 #39,088	i	
John H. Allie		1	
Holiday W. Banta	#40,311 #35,102		
Troy J. Cole			
L. Scott Paynter	#39,797	<b>}</b>	
J. Andrew Lowes	#40.706		l
Charles J. Meyer	#41,996		
Matthew R. Schantz	#40,800	1	
Gregory B. Coy	#40,967		
Lisa A. Hiday	#40,036		1
John V. Daniluck	#40,581	1	
Christopher A. Brown	#41,642		<b>,</b>
C. John Brannon	#44.557		
Jason J. Schwartz	#43,910	i	
Arthur J. Usher, IV	#41,359		]
Douglas A. Collier	#43,556	į.	}
Brad A. Schepers	#45,431	1	
James B. Myers	#42.021	1	<u>ł</u>
Scott J. Stevens	#29,446		1
	}		
	1		
		1	1
·4°			
		1	
1		1	
1			
		1	
		1	
	.l	<u></u>	

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time, you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

